

[illegible]

[illegible]

6.63	14.8	77.9	110000	2	LMF14BP25.04	5.47 Ground Ion. (4.0)	7.28	14.8	77.9	141341	14	AL14BP25.04	AL14BP25.04
6.64	14.8	77.9	110000	2	LMF14BP26.1	5.47 Ground Ion. (4.0)	7.29	14.8	77.9	141342	14	AL14BP26.1	AL14BP26.1
6.65	14.8	77.9	110000	2	LMF14BP36.05	5.47 Ground Ion. (4.0)	7.30	14.8	77.9	141343	14	AL14BP36.05	AL14BP36.05
6.66	14.8	77.9	110000	2	LMF14BP36.23	5.47 Ground Ion. (4.0)	7.31	14.8	77.9	141344	14	AL14BP36.23	AL14BP36.23
6.67	14.8	77.9	110000	2	LMF14BP36.25	5.47 Ground Ion. (4.0)	7.32	14.8	77.9	141345	14	AL14BP36.25	AL14BP36.25
6.68	14.8	77.9	110121	9	HS46.84%_2	AL14BP25.04	7.33	14.8	77.9	141346	14	AL14BP36.25	AL14BP36.25
6.69	14.8	77.9	110447	2	AL1256.91	AL14BP25.04	7.34	14.8	77.9	141347	14	AL14BP36.25	AL14BP36.25
6.70	14.8	77.9	111187	2	AL10011001	AL14BP25.04	7.35	14.8	77.9	141348	14	AL14BP36.25	AL14BP36.25
6.71	14.8	77.9	111409	2	AL16.2741	AL14BP25.04	7.36	14.8	77.9	141349	14	AL14BP36.25	AL14BP36.25
6.72	14.8	77.9	111665	2	AL1287.50	AL14BP25.04	7.37	14.8	77.9	141350	14	AL14BP36.25	AL14BP36.25
6.73	14.8	77.9	111677	2	AL0955.86	AL14BP25.04	7.38	14.8	77.9	141351	14	AL14BP36.25	AL14BP36.25
6.74	14.8	77.9	113546	2	AL1144.96	AL14BP25.04	7.39	14.8	77.9	141352	14	AL14BP36.25	AL14BP36.25
6.75	14.8	77.9	114794	2	AL129.85	AL14BP25.04	7.40	14.8	77.9	141353	14	AL14BP36.25	AL14BP36.25
6.76	14.8	77.9	114821	2	HS43.64%	AL14BP25.04	7.41	14.8	77.9	141354	14	AL14BP36.25	AL14BP36.25
6.77	14.8	77.9	114727	2	AL1288.67	AL14BP25.04	7.42	14.8	77.9	141355	14	AL14BP36.25	AL14BP36.25
6.78	14.8	77.9	115228	2	AL1259.84	AL14BP25.04	7.43	14.8	77.9	141356	14	AL14BP36.25	AL14BP36.25
6.79	14.8	77.9	116629	2	AL0958.88	AL14BP25.04	7.44	14.8	77.9	141357	14	AL14BP36.25	AL14BP36.25
6.80	14.8	77.9	116929	2	AL156.001	AL14BP25.04	7.45	14.8	77.9	141358	14	AL14BP36.25	AL14BP36.25
6.81	14.8	77.9	117752	2	AL006.206	AL14BP25.04	7.46	14.8	77.9	141359	14	AL14BP36.25	AL14BP36.25
6.82	14.8	77.9	117860	2	AL116.078	AL14BP25.04	7.47	14.8	77.9	141360	14	AL14BP36.25	AL14BP36.25
6.83	14.8	77.9	118362	2	AL926.433	AL14BP25.04	7.48	14.8	77.9	141361	14	AL14BP36.25	AL14BP36.25
6.84	14.8	77.9	119455	4	AL09.8311	AL14BP25.04	7.49	14.8	77.9	141362	14	AL14BP36.25	AL14BP36.25
6.85	14.8	77.9	119455	4	AL197.73	AL14BP25.04	7.50	14.8	77.9	141363	14	AL14BP36.25	AL14BP36.25
6.86	14.8	77.9	120229	5	HS00.96	AL14BP25.04	7.51	14.8	77.9	141364	14	AL14BP36.25	AL14BP36.25
6.87	14.8	77.9	120385	2	AL108.831	AL14BP25.04	7.52	14.8	77.9	141365	14	AL14BP36.25	AL14BP36.25
6.88	14.8	77.9	120454	2	AL124.929	AL14BP25.04	7.53	14.8	77.9	141366	14	AL14BP36.25	AL14BP36.25
6.89	14.8	77.9	120845	2	AL120.641	AL14BP25.04	7.54	14.8	77.9	141367	14	AL14BP36.25	AL14BP36.25
6.90	14.8	77.9	121184	9	AL092.821	AL14BP25.04	7.55	14.8	77.9	141368	14	AL14BP36.25	AL14BP36.25
6.91	14.8	77.9	121598	9	AL036.642	AL14BP25.04	7.56	14.8	77.9	141369	14	AL14BP36.25	AL14BP36.25
6.92	14.8	77.9	122404	2	AL12.3514	AL14BP25.04	7.57	14.8	77.9	141370	14	AL14BP36.25	AL14BP36.25
6.93	14.8	77.9	122565	9	AL0924.85	AL14BP25.04	7.58	14.8	77.9	141371	14	AL14BP36.25	AL14BP36.25
6.94	14.8	77.9	122619	10	AL66.80510	AL14BP25.04	7.59	14.8	77.9	141372	14	AL14BP36.25	AL14BP36.25
6.95	14.8	77.9	122947	2	AL117.082	AL14BP25.04	7.60	14.8	77.9	141373	14	AL14BP36.25	AL14BP36.25
6.96	14.8	77.9	123057	2	AL150.216	AL14BP25.04	7.61	14.8	77.9	141374	14	AL14BP36.25	AL14BP36.25
6.97	14.8	77.9	123150	2	AL120.227	AL14BP25.04	7.62	14.8	77.9	141375	14	AL14BP36.25	AL14BP36.25
6.98	14.8	77.9	123446	9	AL106.953	AL14BP25.04	7.63	14.8	77.9	141376	14	AL14BP36.25	AL14BP36.25
6.99	14.8	77.9	123943	9	AL006.208	AL14BP25.04	7.64	14.8	77.9	141377	14	AL14BP36.25	AL14BP36.25
7.00	14.8	77.9	124198	9	AL118.046	AL14BP25.04	7.65	14.8	77.9	141378	14	AL14BP36.25	AL14BP36.25
7.01	14.8	77.9	124197	9	AL106.417	AL14BP25.04	7.66	14.8	77.9	141379	14	AL14BP36.25	AL14BP36.25
7.02	14.8	77.9	124565	2	AL015.568	AL14BP25.04	7.67	14.8	77.9	141380	14	AL14BP36.25	AL14BP36.25
7.03	14.8	77.9	125145	2	AL021.566	AL14BP25.04	7.68	14.8	77.9	141381	14	AL14BP36.25	AL14BP36.25
7.04	14.8	77.9	125415	2	AL127.016	AL14BP25.04	7.69	14.8	77.9	141382	14	AL14BP36.25	AL14BP36.25
7.05	14.8	77.9	125972	2	AL127.050	AL14BP25.04	7.70	14.8	77.9	141383	14	AL14BP36.25	AL14BP36.25
7.06	14.8	77.9	126360	2	AL120.634	AL14BP25.04	7.71	14.8	77.9	141384	14	AL14BP36.25	AL14BP36.25
7.07	14.8	77.9	126363	2	AL124.419	AL14BP25.04	7.72	14.8	77.9	141385	14	AL14BP36.25	AL14BP36.25
7.08	14.8	77.9	126581	9	AL016.657	AL14BP25.04	7.73	14.8	77.9	141386	14	AL14BP36.25	AL14BP36.25
7.09	14.8	77.9	126712	9	AL119.079	AL14BP25.04	7.74	14.8	77.9	141387	14	AL14BP36.25	AL14BP36.25
7.10	14.8	77.9	127109	9	AL084.292	AL14BP25.04	7.75	14.8	77.9	141388	14	AL14BP36.25	AL14BP36.25
7.11	14.8	77.9	127438	2	AL120.290	AL14BP25.04	7.76	14.8	77.9	141389	14	AL14BP36.25	AL14BP36.25
7.12	14.8	77.9	128134	8	AL103.412	AL14BP25.04	7.77	14.8	77.9	141390	14	AL14BP36.25	AL14BP36.25
7.13	14.8	77.9	128442	9	AL027.815	AL14BP25.04	7.78	14.8	77.9	141391	14	AL14BP36.25	AL14BP36.25
7.14	14.8	77.9	128445	2	AL109.664	AL14BP25.04	7.79	14.8	77.9	141392	14	AL14BP36.25	AL14BP36.25
7.15	14.8	77.9	129226	2	AL115.400	AL14BP25.04	7.80	14.8	77.9	141393	14	AL14BP36.25	AL14BP36.25
7.16	14.8	77.9	129420	8	AL087.547	AL14BP25.04	7.81	14.8	77.9	141394	14	AL14BP36.25	AL14BP36.25
7.17	14.8	77.9	129420	8	AL098.954	AL14BP25.04	7.82	14.8	77.9	141395	14	AL14BP36.25	AL14BP36.25
7.18	14.8	77.9	130009	2	AL042.4217	AL14BP25.04	7.83	14.8	77.9	141396	14	AL14BP36.25	AL14BP36.25
7.19	14.8	77.9	130665	10	AL200.666	AL14BP25.04	7.84	14.8	77.9	141397	14	AL14BP36.25	AL14BP36.25
7.20	14.8	77.9	131477	2	AL127.741	AL14BP25.04	7.85	14.8	77.9	141398	14	AL14BP36.25	AL14BP36.25
7.21	14.8	77.9	131595	9	AL079.985	AL14BP25.04	7.86	14.8	77.9	141399	14	AL14BP36.25	AL14BP36.25
7.22	14.8	77.9	131609	9	AL069.548	AL14BP25.04	7.87	14.8	77.9	141400	14	AL14BP36.25	AL14BP36.25
7.23	14.8	77.9	132353	2	AL002.055	AL14BP25.04	7.88	14.8	77.9	141401	14	AL14BP36.25	AL14BP36.25
7.24	14.8	77.9	132354	2	AL0171.05	AL14BP25.04	7.89	14.8	77.9	141402	14	AL14BP36.25	AL14BP36.25
7.25	14.8	77.9	132449	9	AL455.272	AL14BP25.04	7.90	14.8	77.9	141403	14	AL14BP36.25	AL14BP36.25
7.26	14.8	77.9	132444	2	AL110.696	AL14BP25.04	7.91	14.8	77.9	141404	14	AL14BP36.25	AL14BP36.25
7.27	14.8	77.9	133032	2	AL007.453	AL14BP25.04	7.92	14.8	77.9	141405	14	AL14BP36.25	AL14BP36.25
7.28	14.8	77.9	134005	2	AL12.602	AL14BP25.04	7.93	14.8	77.9	141406	14	AL14BP36.25	AL14BP36.25
7.29	14.8	77.9	134574	9	HS20.2	AL14BP25.04	7.94	14.8	77.9	141407	14	AL14BP36.25	AL14BP36.25
7.30	14.8	77.9	134641	9	AL309.005	AL14BP25.04	7.95	14.8	77.9	141408	14	AL14BP36.25	AL14BP36.25
7.31	14.8	77.9	134008	9	AL009.042	AL14BP25.04	7.96	14.8	77.9	141409	14	AL14BP36.25	AL14BP36.25

[illegible]

[illegible]

[illegible]

13421 13421 dup of 13421
 14728 14728 dup of 14728
 14729 14729 dup of 14729
 14829 14829 dup of 14829
 15009 15009 dup of 15009
 15010 15010 dup of 15010
 17159 17159 dup of 17159
 17257 17257 dup of 17257
 18263 18263 dup of 18263
 18363 18363 dup of 18363
 19226 19226 dup of 19226
 19826 19826 dup of 19826
 21407 21407 dup of 21407
 22407 22407 dup of 22407
 22752 22752 dup of 22752
 23086 23086 dup of 23086
 23219 23219 dup of 23219
 23220 23220 dup of 23220
 23420 23420 dup of 23420
 26093 26093 dup of 26093
 26094 26094 dup of 26094
 26095 26095 dup of 26095
 26096 26096 dup of 26096
 26097 26097 dup of 26097
 26098 26098 dup of 26098
 26099 26099 dup of 26099
 26100 26100 dup of 26100
 26101 26101 dup of 26101
 26102 26102 dup of 26102
 26103 26103 dup of 26103
 26104 26104 dup of 26104
 26105 26105 dup of 26105
 26106 26106 dup of 26106
 26107 26107 dup of 26107
 26108 26108 dup of 26108
 26109 26109 dup of 26109
 26110 26110 dup of 26110
 26111 26111 dup of 26111
 26112 26112 dup of 26112
 26113 26113 dup of 26113
 26114 26114 dup of 26114
 26115 26115 dup of 26115
 26116 26116 dup of 26116
 26117 26117 dup of 26117
 26118 26118 dup of 26118
 26119 26119 dup of 26119
 26120 26120 dup of 26120
 26121 26121 dup of 26121
 26122 26122 dup of 26122
 26123 26123 dup of 26123
 26124 26124 dup of 26124
 26125 26125 dup of 26125
 26126 26126 dup of 26126
 26127 26127 dup of 26127
 26128 26128 dup of 26128
 26129 26129 dup of 26129
 26130 26130 dup of 26130
 26131 26131 dup of 26131
 26132 26132 dup of 26132
 26133 26133 dup of 26133
 26134 26134 dup of 26134
 26135 26135 dup of 26135
 26136 26136 dup of 26136
 26137 26137 dup of 26137
 26138 26138 dup of 26138
 26139 26139 dup of 26139
 26140 26140 dup of 26140
 26141 26141 dup of 26141
 26142 26142 dup of 26142

13421 13421 dup of 13421
 14728 14728 dup of 14728
 14729 14729 dup of 14729
 14829 14829 dup of 14829
 15009 15009 dup of 15009
 15010 15010 dup of 15010
 17159 17159 dup of 17159
 17257 17257 dup of 17257
 18263 18263 dup of 18263
 18363 18363 dup of 18363
 19226 19226 dup of 19226
 19826 19826 dup of 19826
 21407 21407 dup of 21407
 22407 22407 dup of 22407
 22752 22752 dup of 22752
 23086 23086 dup of 23086
 23219 23219 dup of 23219
 23220 23220 dup of 23220
 23420 23420 dup of 23420
 26093 26093 dup of 26093
 26094 26094 dup of 26094
 26095 26095 dup of 26095
 26096 26096 dup of 26096
 26097 26097 dup of 26097
 26098 26098 dup of 26098
 26099 26099 dup of 26099
 26100 26100 dup of 26100
 26101 26101 dup of 26101
 26102 26102 dup of 26102
 26103 26103 dup of 26103
 26104 26104 dup of 26104
 26105 26105 dup of 26105
 26106 26106 dup of 26106
 26107 26107 dup of 26107
 26108 26108 dup of 26108
 26109 26109 dup of 26109
 26110 26110 dup of 26110
 26111 26111 dup of 26111
 26112 26112 dup of 26112
 26113 26113 dup of 26113
 26114 26114 dup of 26114
 26115 26115 dup of 26115
 26116 26116 dup of 26116
 26117 26117 dup of 26117
 26118 26118 dup of 26118
 26119 26119 dup of 26119
 26120 26120 dup of 26120
 26121 26121 dup of 26121
 26122 26122 dup of 26122
 26123 26123 dup of 26123
 26124 26124 dup of 26124
 26125 26125 dup of 26125
 26126 26126 dup of 26126
 26127 26127 dup of 26127
 26128 26128 dup of 26128
 26129 26129 dup of 26129
 26130 26130 dup of 26130
 26131 26131 dup of 26131
 26132 26132 dup of 26132
 26133 26133 dup of 26133
 26134 26134 dup of 26134
 26135 26135 dup of 26135
 26136 26136 dup of 26136
 26137 26137 dup of 26137
 26138 26138 dup of 26138
 26139 26139 dup of 26139
 26140 26140 dup of 26140
 26141 26141 dup of 26141
 26142 26142 dup of 26142

```

* 12533 12642: gap of 100 bp
* 12633 17364: contig of 4782 bp in length
* 17365 17464: gap of 100 bp
* 17465 22142: contig of 4568 bp in length
* 22133 22232: gap of 100 bp
* 22233 25434: contig of 3202 bp in length
* 25435 25534: gap of 100 bp
* 25535 28472: contig of 2938 bp in length
* 28473 28572: gap of 100 bp
* 28573 41691: contig of 13119 bp in length
* 41692 41791: gap of 100 bp
* 41792 45133: contig of 3442 bp in length
* 45134 45233: gap of 100 bp
* 45234 53331: contig of 8098 bp in length
* 53332 53431: gap of 100 bp
* 53432 55858: contig of 2427 bp in length
* 55859 55958: gap of 100 bp
* 55959 66105: contig of 10137 bp in length
* 66106 66205: gap of 100 bp
* 66206 71618: contig of 5413 bp in length
* 71619 71718: gap of 100 bp
* 71719 74900: contig of 3182 bp in length
* 74901 75000: gap of 100 bp
* 75001 82504: contig of 7504 bp in length
* 82505 82604: gap of 100 bp
* 82605 84843: contig of 2239 bp in length
* 84844 84943: gap of 100 bp
* 84944 87272: contig of 2329 bp in length
* 87273 87372: gap of 100 bp
* 87373 90655: contig of 3283 bp in length
* 90656 90755: gap of 100 bp
* 90756 93762: contig of 3007 bp in length
* 93763 93862: gap of 100 bp
* 93863 97559: contig of 3697 bp in length
* 97560 97659: gap of 100 bp
* 97660 102582: contig of 4923 bp in length
* 102583 102682: gap of 100 bp
* 102683 104818: contig of 2136 bp in length
* 104819 104918: gap of 100 bp
* 104919 110387: contig of 5469 bp in length
* 110388 110487: gap of 100 bp
* 110488 112832: contig of 2345 bp in length
* 112833 112932: gap of 100 bp
* 112933 115029: contig of 2097 bp in length
* 115030 115129: gap of 100 bp
* 115130 118005: contig of 2876 bp in length
* 118006 118105: gap of 100 bp
* 118106 121017: contig of 2912 bp in length
* 121018 121117: gap of 100 bp
* 121118 127804: contig of 6687 bp in length
* 127805 127904: gap of 100 bp
* 127905 130772: contig of 2868 bp in length
* 130773 130872: gap of 100 bp
* 130873 134013: contig of 3141 bp in length
* 134014 134113: gap of 100 bp
* 134114 136493: contig of 2380 bp in length
* 136494 136593: gap of 100 bp
* 136594 139058: contig of 2465 bp in length
* 139059 139158: gap of 100 bp
* 139159 144572: contig of 5414 bp in length
* 144573 144672: gap of 100 bp
* 144673 146859: contig of 2187 bp in length
* 146860 146959: gap of 100 bp
* 146960 149108: contig of 2149 bp in length.
FEATURES
    source
    1..149108
    /format "Bam" refio
    /file "us-09-925-548-16.rge"
    /zone "chr21:298221"
    /contig "16:us-09-925-548-16"
    1..13646
    /note "assembly treatment:contig6"
    treatment_chain:1"
misc_feature
    8747..10444
    /note "assembly treatment:10444"
    treatment_chain:1"
    6946..10476
    /note "assembly treatment:10476"
    treatment_chain:1"
    9576..11756
    /note "assembly treatment:11756"
    treatment_chain:1"
    12633..17464
    /note "assembly treatment:17464"
    treatment_chain:2"
    17465..22132
    /note "assembly treatment:22132"
    treatment_chain:2"
    22233..25434
    /note "assembly treatment:25434"
    treatment_chain:2"
    25535..28472
    /note "assembly treatment:28472"
    treatment_chain:2"
    28573..41691
    /note "assembly treatment:41691"
    treatment_chain:2"
    41792..45133
    /note "assembly treatment:45133"
    treatment_chain:3"
    45234..53331
    /note "assembly treatment:53331"
    treatment_chain:3"
    53432..55858
    /note "assembly treatment:55858"
    treatment_chain:3"
    55959..66105
    /note "assembly treatment:66105"
    treatment_chain:3"
    66206..71618
    /note "assembly treatment:71618"
    treatment_chain:3"
    71719..74900
    /note "assembly treatment:74900"
    treatment_chain:3"
    75001..82504
    /note "assembly treatment:82504"
    treatment_chain:3"
    82605..84843
    /note "assembly treatment:84843"
    treatment_chain:3"
    84944..87272
    /note "assembly treatment:87272"
    treatment_chain:3"
    87373..90655
    /note "assembly treatment:90655"
    treatment_chain:3"
    90756..93762
    /note "assembly treatment:93762"
    treatment_chain:3"
    93863..97559
    /note "assembly treatment:97559"
    treatment_chain:3"
    97660..102582
    /note "assembly treatment:102582"
    treatment_chain:3"
    102683..104818
    /note "assembly treatment:104818"
    treatment_chain:3"
    104919..110387
    /note "assembly treatment:110387"
    treatment_chain:3"
    110388..110487
    /note "assembly treatment:110487"
    treatment_chain:3"
    110488..112832
    /note "assembly treatment:112832"
    treatment_chain:3"
    112833..112932
    /note "assembly treatment:112932"
    treatment_chain:3"
    112933..115029
    /note "assembly treatment:115029"
    treatment_chain:3"
    115030..115129
    /note "assembly treatment:115129"
    treatment_chain:3"
    115130..118005
    /note "assembly treatment:118005"
    treatment_chain:3"
    118006..118105
    /note "assembly treatment:118105"
    treatment_chain:3"
    118106..121017
    /note "assembly treatment:121017"
    treatment_chain:3"
    121018..121117
    /note "assembly treatment:121117"
    treatment_chain:3"
    121118..127804
    /note "assembly treatment:127804"
    treatment_chain:3"
    127805..127904
    /note "assembly treatment:127904"
    treatment_chain:3"
    127905..130772
    /note "assembly treatment:130772"
    treatment_chain:3"
    130773..130872
    /note "assembly treatment:130872"
    treatment_chain:3"
    130873..134013
    /note "assembly treatment:134013"
    treatment_chain:3"
    134014..134113
    /note "assembly treatment:134113"
    treatment_chain:3"
    134114..136493
    /note "assembly treatment:136493"
    treatment_chain:3"
    136494..136593
    /note "assembly treatment:136593"
    treatment_chain:3"
    136594..139058
    /note "assembly treatment:139058"
    treatment_chain:3"
    139059..139158
    /note "assembly treatment:139158"
    treatment_chain:3"
    139159..144572
    /note "assembly treatment:144572"
    treatment_chain:3"
    144573..144672
    /note "assembly treatment:144672"
    treatment_chain:3"
    144673..146859
    /note "assembly treatment:146859"
    treatment_chain:3"
    146860..146959
    /note "assembly treatment:146959"
    treatment_chain:3"
    146960..149108
    /note "assembly treatment:149108"
    treatment_chain:3"

```


Mammalia: Eutheria: Carnivora: Canidae: Felidae: Felis: Felis concolor
 1 (bases 1 to 23635)
 The sequence of Mus musculus clone
 2 (bases 1 to 23635)
 McPherson, J.D., and Waterston, R.H.
 Direct Submission
 Submitted (18-JUL-2002) Genome Sequencing Center, 4441 Forest Park
 Parkway, St. Louis, MO 63108, USA
 ----- Genome Center -----
 Center: Washington University Genome Sequencing Center
 Center code: WUGSC
 Web site: http://wustl.genome.wustl.edu
 Contact: submissions@wustl.edu
 ----- Project Information -----
 Project name: M180226302
 Center project name: M180226302
 ----- Summary Statistics -----
 Sequencing vector: M13: 0%
 Sequencing vector: plasmid: 100%
 Chemistry: Dye-terminator Big Dye: 100% of reads
 Assembly program: Phrap: version 0.990419
 Consensus quality: 16865 bases at least Q40
 Consensus quality: 18726 bases at least Q30
 Consensus quality: 20365 bases at least Q20

 * NOTE: This is a 'working draft' sequence. It currently
 * consists of 17 contigs. The true order of the pieces
 * is not known and their order in this sequence record is
 * arbitrary. Gaps between the contigs are represented as
 * runs of N, but the exact sizes of the gaps are unknown.
 * This record will be updated with the finished sequence
 * as soon as it is available and the accession number will
 * be preserved.
 *
 * 1 1241: contig of 1241 bp in length
 * 1242 1341: gap of unknown length
 * 1342 1342: contig of 1041 bp in length
 * 2373 2373: gap of unknown length
 * 2473 2473: contig of 1260 bp in length
 * 3733 3733: gap of unknown length
 * 3833 3833: contig of 1173 bp in length
 * 5006 5006: gap of unknown length
 * 5106 5106: contig of 1160 bp in length
 * 6255 6255: gap of unknown length
 * 6365 6365: gap of unknown length
 * 6626 6626: contig of 1261 bp in length
 * 7626 7626: gap of unknown length
 * 7727 7727: contig of 1063 bp in length
 * 8790 8790: gap of unknown length
 * 8890 8890: gap of unknown length
 * 10340 10340: gap of unknown length
 * 10340 10340: gap of unknown length
 * 10440 10440: contig of 1418 bp in length
 * 11358 11358: gap of unknown length
 * 11358 11358: contig of 1423 bp in length
 * 13381 13381: gap of unknown length
 * 13481 13481: gap of unknown length
 * 15171 15171: contig of 1690 bp in length
 * 15271 15271: gap of unknown length
 * 15271 15271: contig of 1596 bp in length
 * 16867 16867: gap of unknown length
 * 16867 16867: gap of unknown length
 * 16967 16967: contig of 1233 bp in length
 * 18200 18200: gap of unknown length
 * 18400 18400: contig of 1333 bp in length
 * 19633 19633: gap of unknown length
 * 19733 19733: contig of 1735 bp in length
 * 21468 21468: gap of unknown length
 * 21468 21468: gap of unknown length
 * 21568 21568: contig of 1717 bp in length
 * 22293 22293: gap of unknown length
 * 23635 23635: contig of 251 bp in length,

REFERENCES

[illegible]

VPR:rg: pBA7c4.6
 IM-START: this sequence is not the entire insert of clone
 RP11-41888 it may be shorter because we sequence overlapping
 sections only once, except for a 100 base overlap.
 the true right end of clone RP11-41888 is at 111173 in this
 sequence. the true left end of clone RP11-95M17 is at 11573 in this
 sequence. the true left end of clone RP11-156510 is at 74278 in
 this sequence. the true right end of clone RP11-1005 is at 100 in
 this sequence.

FEATURES Location/Qualifiers

1..111173
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /chromosome="10"
 /clone="RP11-41888"
 /clone_11b="RP11-11.2"
 2208..2469
 /note="12 repeat: matches 181, 605 of consensus"
 2670..2922
 /note="AluSx repeat: matches 33, 294 of consensus"
 2923..3379
 /note="12 repeat: matches 605, 2209 of consensus"
 5516..5596
 /note="12 repeat: matches 2626, 2706 of consensus"
 6041..6091
 /note="17 copies 3 mer at a 90% conserved"
 6043..6091
 /note="8 copies 6 mer at a 94% conserved"
 6447..6751
 /note="Alu repeat: matches 2, 306 of consensus"
 7520..7557
 /note="19 copies 2 mer at a 81% conserved"
 7732..7802
 /note="MER59 repeat: matches 1, 74 of consensus"
 8344..8494
 /note="MIR repeat: matches 16, 170 of consensus"
 8913..9146
 /note="12 repeat: matches 2251, 2494 of consensus"
 9438..9467
 /note="6 copies 5 mer at a 94% conserved"
 9468..9537
 /note="MER6A repeat: matches 60, 127 of consensus"
 9538..9849
 /note="AluSx repeat: matches 1, 341 of consensus"
 9850..10313
 /note="MER6A repeat: matches 127, 405 of consensus"
 10314..110802
 /note="12 repeat: matches 1519, 1977 of consensus"
 11594..11781
 /note="LIR26 repeat: matches 445, 587 of consensus"
 11747..12055
 /note="AluSx repeat: matches 1, 312 of consensus"
 12119..12279
 /note="LIR6 repeat: matches 310, 478 of consensus"
 12445..12631
 /note="LIR repeat: matches 1, 104 of consensus"
 13280..13580
 /note="AluSx repeat: matches 1, 303 of consensus"
 13824..13879
 /note="6 copies 6 mer tetra 86% conserved"
 13862..14149
 /note="AluB repeat: matches 1, 296 of consensus"
 14421..14984
 /note="MER50 repeat: matches 145, 710 of consensus"
 14985..15386
 /note="LIR7 repeat: matches 1, 449 of consensus"
 15387..15528
 /note="MER50 repeat: matches 1, 118 of consensus"
 16250..16340
 /note="MIR repeat: matches 178, 261 of consensus"
 16335..16490
 /note="MER45 repeat: matches 4, 158 of consensus"
 16495..16659

/note "MIR repeat: matches 14, 180 of consensus"
 16863..17042
 /note "MIR repeat: matches 47, 255 of consensus"
 17130..17236
 /note "12 repeat: matches 2659, 2750 of consensus"
 17974..18214
 /note "MIR repeat: matches 12, 291 of consensus"
 19189..19236
 /note "24 copies 2 mer at 75% conserved"
 19746..20063
 /note "Alu repeat: matches 1, 341 of consensus"
 20076..20122
 /note "12 copies 4 mer tetra 77% conserved"
 20110..20163
 /note "22 copies 2 mer at 75% conserved"
 22246..22293
 /note "LIR4B repeat: matches 162, 311 of consensus"
 22974..23206
 /note "AluS1 repeat: matches 1, 343 of consensus"
 24207..24357
 /note "LIR4B repeat: matches 1, 312 of consensus"
 25029..25189
 /note "12 repeat: matches 2542, 2751 of consensus"
 28494..28636
 /note "MIR repeat: matches 17, 253 of consensus"
 28611..29047
 /note "AluS8 repeat: matches 4, 246 of consensus"
 29215..29263
 /note "MER6A repeat: matches 1, 325 of consensus"
 30243..30412
 /note "MIR repeat: matches 25, 191 of consensus"
 30416..30647
 /note "LIR12 repeat: matches 2096, 2418 of consensus"
 30648..30701
 /note "MER6A repeat: matches 375, 430 of consensus"
 30762..31106
 /note "LIR12 repeat: matches 40, 209 of consensus"
 31272..31574
 /note "AluB repeat: matches 1, 503 of consensus"
 31746..31873
 /note "3 copies 4 mer tetra 70% conserved"
 35103..35571
 /note "MIR repeat: matches 37, 214 of consensus"
 35836..36157
 /note "50 copies 4 mer tetra 74% conserved"
 36555..36660
 /note "13 copies 2 mer tetra 68% conserved"
 36657..36886
 /note "6 copies 4 mer tetra 100% conserved"
 39708..39872
 /note "5 copies 2 mer tetra 69% conserved"
 39767..39908
 /note "22 copies 6 mer tetra 61% conserved"
 39956..39995
 /note "26 copies 2 mer tetra 82% conserved"
 41024..41106
 /note "10 copies 4 mer tetra 80% conserved"
 41044..41063
 /note "15 copies 2 mer tetra 93% conserved"
 42013..42162
 /note "MER6A repeat: matches 4, 187 of consensus"
 42172..42260
 /note "MER6A repeat: matches 100, 188 of consensus"
 43511..43618
 /note "AluS8 repeat: matches 1, 308 of consensus"
 43819..43846
 /note "14 copies 2 mer tetra 96% conserved"
 44156..44190
 /note "AluB repeat: matches 3, 304 of consensus"
 44526..44546
 /note "AluS8 repeat: matches 1, 300 of consensus"
 45113..45388
 /note "LIR16 repeat: matches 5929, 2453 of consensus"

